



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT  
5/7/02

Applicant : Manners, et al. ) Group Art Unit 1653  
Appl. No. : 09/331,631 )  
Filed : June 21, 1999 )  
For : ANTIMICROBIAL PROTEINS )  
Examiner : Robinson, H. )

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed from the United States Patent and Trademark Office on December 4, 2001 (Paper No. 12), please amend the above-captioned patent application as follows:

IN THE CLAIMS

Please amend the claims as follows:

01 1. (Amended Four Times) An isolated or purified protein fragment having antimicrobial activity, wherein said protein fragment is a polypeptide comprising a cysteine spacing of C-3X-C-nX-C-3X-C (SEQ ID NOS: 38 and 39) wherein n is 11 or 12, X is any amino acid other than cysteine, and C is cysteine.

02 2. (Thrice Amended) An isolated or purified protein comprising at least one polypeptide fragment according to claim 1, wherein said polypeptide fragment has a sequence selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 3 and SEQ ID NO: 5.

03 16. (Amended Four Times) A method of preparing an antimicrobial protein, said method comprising: